

**D. Programme Overview and Curriculum**

The following tables give an overview and a summary of the overall curriculum structure for the Degree Programme:

Year-Sem	No.	Module Code	Module Title	QF Level	Credit Points
Y5-S1	1	GEC5202	English for Academic Studies 2	5	3
	2	GEE---	GE Elective 2	5	3
	3	SCE5201	Advanced Engineering Mathematics	5	3
Y5-S2	4	GEC5102	Chinese 2	5	3
	5	GEE---	GE Elective 3	5	3
	6	SCE5361	Highway Engineering	5	3
Y5-S3 <sup>@</sup>	7	GEC5206	English for Professional Purposes	5	3
	8	SCE5362	Transportation Engineering	5	3
<b>Year-5 Sub-total</b>					<b>24</b>
Y6-S1	1	GEE---	GE Elective 4	5	3
	2	SCE5321	Theory of Structures 2	5	3
	3	SCE5331	Geotechnical & Foundation Engineering	5	3
Y6-S2	4	---	Programme Elective 1	5	3
	5	SCE5322	Design of Structures 2	5	3
	6	SCE5381	Project Management	5	3
Y6-S3 <sup>@</sup>	7	---	Programme Elective 2	5	3
	8	SCE5431	Earthwork Engineering	5	3
	9	SCE4309	Industrial Attachment	4	(3) <sup>#</sup>
<b>Year-6 Sub-total</b>					<b>24</b>
Y7-S1	1	---	Programme Elective 3	5	3
	2	SCE5461	Sustainability & Infrastructure Design	5	3
	3	SCE5498	Final Year Project 1	5	3
Y7-S2	4	SCE5471	Engineers in Society	5	3
	5	SCE5499	Final Year Project 2	5	6
<b>Year-7 Sub-total</b>					<b>18</b>
<b>Total Credit Points for Degree Programme</b>					<b>66</b>

Note:

The actual delivery of the modules is subject to the arrangement of the respective Department/ School.

# The Industrial Attachment module (Module Code SCE4309) is Work-integrated Learning module which must be completed before graduation. It is assessed on a Pass/Fail basis and will not be counted as part of the required minimum number of CPs for graduation or included in the calculation of the Grade Point Average. All students are also required to complete the “green card” training and elementary first aid training.

@ Summer Semester

\$ GEC4305 has been renamed from “Technology, Society & Work” to “A.I. & Blockchain in Society & Work” effective from Semester One, AY2024/25. Students who have taken the module “Technology, Society & Work” before Semester One, AY2024/25 do not require to take the module “A.I. & Blockchain in Society & Work” to fulfil the graduation requirement.